

JP42001014

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* Ono, Masaji, Naruse, Norio. Isoxazole derivatives. Jpn. Tokkyo Koho (1963),

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Bibliographic Information

Isoxazole derivatives. Ono, Masaji; Naruse, Norio. (Toyo Rayon Co., Ltd.). Jpn. Tokkyo Koho (1963), 2 pp.
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66:65459 AN 1967:65459 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Patent Family Information

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
JP 42001014	B4	19630119	JP	19631020

Abstract

Manuf. of 5-aminoisoxazole derivs. by the reaction of alicyclic α -halooxime with alkali cyanide was described. In an example, 4 g. NaCN is added to 40 cc. hot (80-95°) Me₂CO, then a soln. of 10 g. α -chlorocyclooctanone oxime in 30 cc. Me₂SO dropped in during 20 min., the whole heated at 80-95° 1.5 hrs., H₂O added, and the mixt. extd. with Et₂O to give 95% 5-amino-3,4-cyclooctanoisoxazole, m. 77-8° (Et₂O-petr. ether). Similarly prep'd. are 5-amino-3,4-cyclooctenoisoxazole, 5 - amino - 3,4 - trans,cis cyclododecadienoisoxazole, 5-amino-3,4 - trans,trans - cyclododecadienoisoxazole, m. 131-4°, 5-amino-3,4-cyclohexanoisoxazole (oil), and 5-amino-3,4-cyclopentaisoxazole.